

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES
1 9

2. AMENDMENT/MODIFICATION NO. SIX	3. EFFECTIVE DATE 03/15/11	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Department of Transportation Federal Aviation Administration 1 Aviation Plaza Jamaica, New York 11430	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State and Zip Code)	(✓)	9A. AMENDMENT OF SOLICITATION NO. DTFANE-11-R-TRACON-CAT WALK
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

a) ☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning One (1) copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

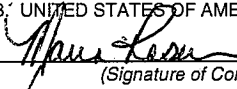
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS IS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A 3.2.2.3-12 Amendments to Screening Information Requests (April 1996)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as change sin paying office, Appropriation date, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHERS (Specify type of modification and authority) Per AMS Changes Clause 3.10.1-8

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return One (1) copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
RFO No. DTFANE-11-R-TRACON -CAT WALK -LOCATED IN WESTBURY, NY IS HEREBY AMENDED TO REFLECT CHANGES AS LISTED ON ATTACHED PAGES:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Maria Rosu Tel: 718-553-3084
15B. CONTRACTOR OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 03/15/11

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FAA RESPONSE TO REQUESTS FOR INFORMATION
NY CONSOLIDATED TRACON (N90) ELEVATED FLOOR PROJECT
WESTBURY, NY

1. "REFER TO DRAWINGS E015 AND E016 FOR DETAILS." We do not have a drawing for E015 or E016. Please provide.

Drawings E015 & E016 have been provided on faaco webpage.

2. Where on drawings E003 & E004 are the multipoint ground buses located? The do not seem to be on either drawing. If they are being shown, please provide which symbol represents them.

For bidding purposes, assume multipoint ground plates exist at the end of each equipment rack.

3. Who is the facility fire alarm vendor?

The fire alarm panel is an EST3. Highrise Fire maintains the system.

4. The contract documents call for 3x3x1/4 angles to support the grating. Can 3x3x1/2 aluminum angles be used (which have the same capacity of the 1/4 inch steel)?

Bid project as per existing drawings. The FAA will coordinate with the successful bidder for potential substitutions.

5. The contract documents call for 3" deep grating, which we assume is to allow the top of the grate to be even with the top of the angle. If this is the reason, can a 1-1/2 inch grate be placed on top of stock in the angle to bring it to the top of the angle instead?

Bid project as per existing drawings. The FAA will coordinate with the successful bidder for potential substitutions.

6. The contract documents call for non-skid plank grating. Since anyone servicing the cable trays will be on their knees when above the grate, shouldn't the grate surface be smooth?

Bid project as per existing drawings. The FAA will coordinate with the successful bidder for potential substitutions.

7. Should the piping for the new pre-action system be galvanized or schedule 40 black steel?

The piping should be schedule 40 black steel.

8. On the drawing labeled "Fire alarm pre-action system matrix," low air and tamper switches and existing smoke detectors reporting to the existing fire alarm control panel only, not to the pre-action alarm panel located in the new 6" pre pack. Also, new are noted to be connected to the existing building fire alarm system only. Please

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NY CONSOLIDATED TRACON (N90) ELEVATED FLOOR PROJECT
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clarify what this means.

Intent is to utilize existing fire alarm control panel as the releasing panel.

9. A pull station along side the new pre-action pack is typical. Will this be required?

Yes.

10. Which utility owns the loop main that will be supplying the new 6" fire line (or is it FAA owned)?

The loop main is FAA owned.

11. Is cross control protection and meter required for the new fire main?

The new fire main shall be provided with a double detector check backflow preventer and the contractor shall comply with the requirements of NY State Cross Connection and the Town of Hempstead Water District.

12. Drawing C100 calls for check valve to be installed on the new fire line. Is there going to be precast vault or aboveground structure for this installation? If so, please provide detail.

No. Double check backflow preventer to be installed in building.

13. Will all exterior utilities be identified prior to bidding?

All known utilities are indicated on the plans.

14. Will the project be filed with the Nassau County Fire Marshal?

Yes.

15. There is a crossing between the new fire line and high voltage power cabling. Does the client have details of the existing electrical cabling (depth, location, clearances, etc.)?

See faaco website for drawings of cable layouts.

16. On the walk through, we were told there was an abandoned septic system in the area of the new fire line. Does the client have the location and amount of these structures that we will be crossing?

No.

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17. Does the client have a depth of the existing foundation?

Yes. Grade beam (foundation wall) is 4'-0" deep minimum.

18. Does the client have a concrete slab thickness?

Yes. Concrete slab thickness is 6".

19. Is seismic bracing going to be required on the branch lines?

Yes.

20. On the walk through, we were told that the seismic bracing for the mains had to be cross braced to the concrete ceiling without affecting the structural integrity of the upper concrete deck. Can we obtain a detail to the client's request? There is no way to know the structural integrity of the existing structure.

F601 provides details of bracing. S001 provides all structural information.

21. Can the mechanical room ceiling support the 6" supply lines? If not, can they be attached to the walls?

Yes, the mechanical room ceiling can support the 6" supply lines.

22. Refer to amendment 4 dated 10-Mar-11, page 2, question 6: the answer indicates there is removal of asbestos, lead paint and PCBs in the scope of work. At the walk through, it was mentioned there were any hazardous materials in the project, and the balance of the documents do not indicate such removals. Are there any removals of hazardous materials in the scope of work? If so, please specify.

There are no known hazardous materials on this project.

23. The metal fabrications spec section 05 50 00, item 2.7, B., steel ladders does not match the aluminum hatch access ladder shown on drawing S003/A&B. Please provide a make and model number for the aluminum ladder.

Specification does not apply to hatch access ladder. Known acceptable source: Precision Ladders, LLC.

24. Refer to the access floor hatch shown on S002/F: This hatch detail does not match the details on S003/A&B. Please provide a make and model number for the hatch.

Field fabricate a galvanized steel hatch to match the provided grating of the new floor.

25. There is a note on S002/F indicating intumescent coating on the door housing and

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beam. Is this required? Are there any other fireproofing/intumescent coating requirements at the underside of the catwalk level (13'-4")? Our understanding is that fireproofing is only required at the existing structure above, repairing existing as required and at new connections. Please clarify.

Yes, intumescent coating on the door housing and beam is required. No, there are no other fireproofing/intumescent coating requirements at the underside of the catwalk or at the catwalk level (13'-4").

26. Is there a plan of the existing lighting layout in the equipment room (showing the elevation above finished floor)? If so, please provide.

No.

27. Is there a section showing elevations of the existing fire protection system in the equipment room? If so, please provide.

Yes. Please see drawing labeled QHM-D-TRACO-F003 of faaco website.

28. Please provide a make & model number for the motorized hoist.

Please see new Spec 14 93 00 Electric Hoist on faaco website.

29. We propose erecting a temporary working platform over the equipment in order to protect the equipment during construction. Will temporary fire protection be required in this area?

Depending on the size of the platform, normal construction operations (no combustibles in the enclosed areas) are expected.

30. Detail C of drawing S003 calls for 3'-6" guard rails. Please advise to what is the extent of the handrails.

See specification 05 50 00, 2.9 for requirements of the guard rails.

31. Specification 05 50 00 – METAL FABRICATION
Specification on page 5 – 2.10 calls for hot dip galvanize steel support framing (steel angles) and specifications on page 2 – 1.5B calls for shop primer and top coats to apply over steel angles. Which one should be used – galvanize angles or shop primer/top coat angles?

All exposed steel shall be hot dipped galvanized as per specification 05 50 00, 5-2.10.

32. Ammendment #2 (Drawing M12, section A/M12, grid line between J-H)

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WESTBURY, NY

Existing ductwork elevation is not cleared from provided M12 drawing. Is the proposed grating to be installed above or below the existing duct?

Grating shall be installed above the duct as stated on N90-TRACON-S001, note 10.

SECTION 14 93 00 – ELECTRIC HOIST

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section includes the following:

1. Electric hoist as indicated on the Drawings

1.2 REFERENCE STANDARDS

- A. American Welding Society (AWS)

1. D1.1 - Structural Welding Code- Steel, Section 5

- B. National Electrical Manufacturer's Association (NEMA) Publications

1. ICS 1 – General Standards for Industrial Control and Systems (Including Rev. 1 through Revision 5).
2. ICS 6 – Enclosures for Industrial Controls and Systems
3. MG 1 – Motors and Generators

1.3 SUBMITTALS

- A. Product data for products used in miscellaneous metal fabrications, including paint products and grout.
- B. Shop drawings detailing fabrication and erection of each component required to fabricate and install electric hoist. Include plans, elevations, sections, and details of metal fabrications and their connections. Show anchorage and accessory items. Provide templates for anchors and bolts specified for installation under other sections.
- C. Welder certificates signed by Contractor certifying that welders comply with requirements specified under "Quality Assurance" article.
- D. Operation and Maintenance: Furnish bound operating and maintenance instructions for inclusion in the Operating and Maintenance Manual.

1.4 QUALITY ASSURANCE

- A. Qualify welding processes and welding operators in accordance with AWS D1.1 "Structural Welding Code – Steel.

PART 2 - PRODUCTS

2.1 ELECTRICAL CABLE HOIST

- A. Provide cable container drum with cable designed for 700 pound capacity rating, minimum.
1. Basis of Design: Cordem Industries, 3792 Williston Road, Minnetonka, MN 55345. Phone: 800-663-4376; Golo Power Winch, Series 1215 RPNT.
 2. Motor: 1.3 HP, 115 volts, 1-phase operation.
 3. Motor Controller: Provide with motor controller suitable for single point power input connection. Provide main line control panel with provisions for interconnection of one remote control push button station. Control circuit from the motor controller shall be hard-wired to a wall mounted receptacle port located on a column suitable to plug in a portable pendant style controller attached to an 8-foot cord. The remote control station shall have up and down buttons and momentary power on and off push buttons. Power wiring to motor controller and control wiring from motor controller to remote plug-in receptacle port shall be provided in Division 26 specifications.
 4. Speed: 17 FPM.
 5. Travel: 15-feet, 0-inches.
 6. Cable: Galvanized aircraft cable e7 by 19, 5/32-inches diameter, minimum, sized to load rating indicated. Minimum cable safety factor of 5:1. Length of cable determined by necessary distance of travel for intended space in equipment room.
 7. Attached: Attach to existing beams below TRACON floor with unistrut frame.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install hoist, controls and accessories in accordance with manufacturer's printed instructions and using manufacturer's parts. Align cable and hook with center of hatch openings provided for hoist operation.

END OF SECTION 14 93 00

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